

DERWENT-ACC-NO: 1989-376010

DERWENT-WEEK: 198951

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TITLE: Ladder unit for PC storage -  
includes shallow long box comprising series of shelves attached  
to keyboard, PC and monitor, and swingable from ceiling

PATENT-ASSIGNEE: ANONYMOUS [ANON]

PRIORITY-DATA: 1989RD-0307063 (October 20, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
RD 307063 A	001	November 10, 1989
	N/A	N/A

INT-CL (IPC): F16M000/01

ABSTRACTED-PUB-NO: RD 307063A

BASIC-ABSTRACT:

The unit is a shallow long box which pivots down from the ceiling, attic-ladder style. The platforms are linked so as to stay horizontal at any "ladder" angle. Each platform carries a piece of equipment. Depending on the type of house or office, the unit can be very shallow. The equipment moves into the attic through a cutout and under an adequate cover when not in use. A ladder unit swings down from the ceiling when access to the unit is desired. A series of shelves (1) are firmly attached to the keyboard (2), the PC unit (3) and the monitor (4). The shelves (5) are hinged in the front to the top rails. (6) the shelves are hinged in the back to the bottom rails (7).

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These rails are attached in a similar manner to the top shelf (8). The top shelf is permanently mounted to the frame of the building. A motor (9) is used to control the relative angle of the rails to the top shelf.

Rotation of the rails upward causes the shelves to rotate outward and upward.

Therefore, in the up-position the computer devices are all at the same horizontal position in the ceiling. The bottom rails are closer in the shelves than the upper rails such that the rails do not interfere in the up position.

The shelves always stay exactly horizontal. The top shelf is attached firmly to the attic. The attic ladder moves as a unit and the steps rotate as well.

With the ladder unit for PC storage, there are four runner boards, two for each side. Four hinges are located on each shelf.

ADVANTAGE - Equipment is protected and out of the way when not in use, though it is very easy to access. No floor space is used.

CHOSEN-DRAWING: Dwg.1/1

TITLE-TERMS: LADDER UNIT STORAGE SHALLOW LONG BOX COMPRISE  
SERIES SHELF ATTACH  
KEYBOARD MONITOR SWING CEILING

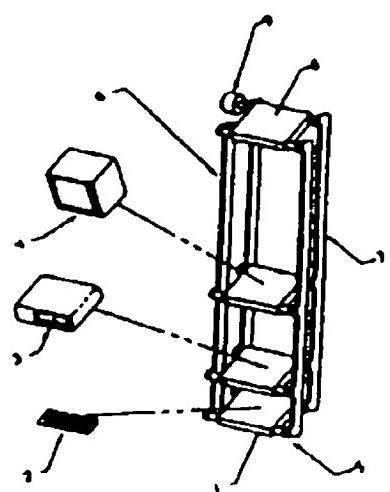
DERWENT-CLASS: Q68 T01 T04

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